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(54) Title: PROCESS FOR THE FUNCTIONALIZATION OF POLYOLEFINS

(57) **Abstract:** Process for the preparation of functionalized polyolefins, which comprises treatment under shear conditions of said polyolefins with an unsaturated monomer containing polar groups in the presence of at least one hydroperoxide as radicalic initiator. The process allows the grafting of unsaturated monomers without the formation of cross-linked polymeric material and without modifying the molecular weight distribution.

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